

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S10	7	((("5814157") or ("5919715") or ("2001018271")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/09 11:39
S44	199	((gallium adj nitride) or (GAN)) and (metal near4 contaminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 15:38
S45	351	((gallium adj nitride) or (GAN)) and ((metal near4 contaminat\$4) or (metal adj impurities) or (metallic adj impurities) or (metallic adj contaminants))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 16:17
S46	202	S45 and etching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 17:02
S47	31234	(gallium or Ga) near5 face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 17:02
S48	55619	(Nitrogen or N) near5 face	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 17:07
S49	1155	S48 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 17:07

## EAST Search History

S50	388	S49 and @ad<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 17:08
S51	13	((gallium adj nitride) or (GAN)) and ((Ga or gallium) near4 face near5 (expos\$4)) and ((nitrogen or N) near4 face near5 (expos\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 14:47
S52	930	(polish\$4 or grind\$4) with (GaN or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 16:20
S53	307	S52 and (RIE or (reactive adj ion adj etch\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 16:35
S54	156	S53 and @ad<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 16:37
S55	90	((reactive adj ion adj etch\$4) with (contamina\$4)) and ((wet or chemical) adj etch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/08 19:18
S56	8	S55 and GaN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 11:39

## EAST Search History

S57	50	((wet or chemical) adj (etch\$4)) with ((HF with (H2O2 or "H.sub.2.O.sub.2")) or (HCl with (H2O2 or "H.sub.2.O.sub.2")) or (HF with (O3 or "o.sub.3")) or (HCl with (O3 or "o.sub.3"))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 11:43
S58	6	(gan or (gallium adj nitride)) with (metal near4 contamina\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 17:30
S59	8513	((gan or (gallium adj nitride)) with (substrate or wafer)) and @ad<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 17:31
S60	2918	S59 and LED	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:11
S61	1	(hf near5 (h202 or "h.sub.2.o.sub.2")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:19
S62	1	(hf near7 (h202 or "h.sub.2.o.sub.2")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:19
S63	0	(hcl near7 (h202 or "h.sub.2.o.sub.2")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:20

## EAST Search History

S64	0	(hcl with (h2o2 or "h.sub.2.o.sub.2")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:20
S65	3	(hcl with (h2o2 or "h.sub.2.o.sub.2")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:21
S66	3	(hF with (h2o2 or "h.sub.2.o.sub.2")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:22
S67	1	((HNO3 or ("hno.sub.3")) with (h2o2 or "h.sub.2.o.sub.2")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:23
S68	30	((HF or HCl or H2so4 or hno3) with (o3 or "o.sub.3")) and (gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:25
S69	17	S68 and @ad<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 18:28
S70	5	("3683240"   "4100014"   "5106771"   "5472513"   "5681398").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 18:40
S71	2	("5919715").URPN.	USPAT	OR	ON	2007/10/12 19:06

## EAST Search History

S72	7587	(hydrogen adj peroxide) with ((HF or (hydrofluoric adj acid)) or (HCL or (hydrochloric adj acid)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 22:03
S73	181	S72 and (Gan or (gallium adj nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 22:06
S74	94	S73 and @ad<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/12 22:06